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(11) **EP 1 167 035 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
11.09.2002 Bulletin 2002/37

(51) Int Cl.7: **B41F 33/00, B41F 13/12**

(43) Date of publication A2:
02.01.2002 Bulletin 2002/01

(21) Application number: **01305085.1**

(22) Date of filing: **11.06.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **23.06.2000 JP 2000188844**

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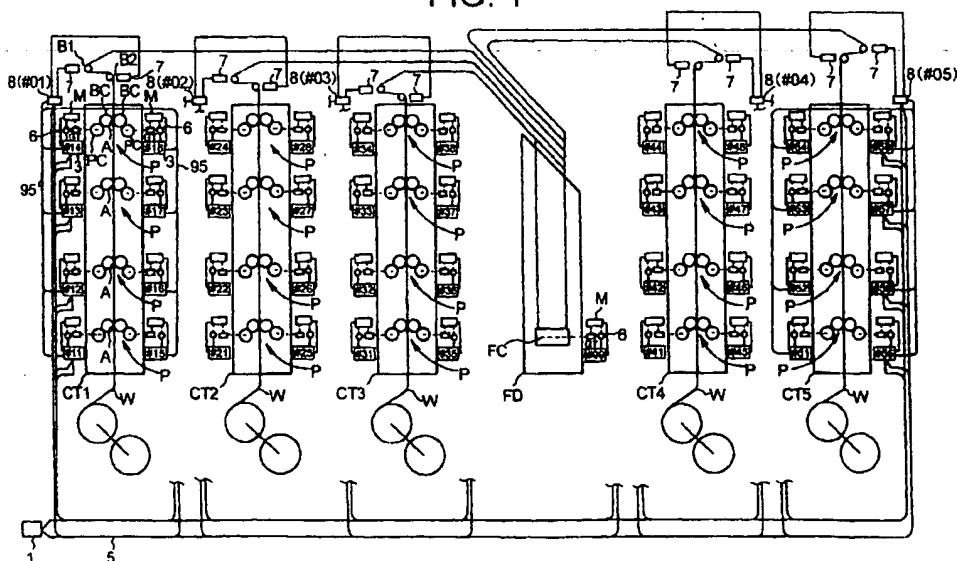
(54) **A synchronous control system having automatic cutting and printing registering functions**

(57) The present invention is intended to automatically adjust cutting and printing registers based on the detection of predetermined marks for different colors in a rotary press using a paper web (W), thereby eliminating the need for skills and reducing time for adjusting cutting registers.

A driving reference setting section (13), a feedback

signal output section (37,39), a mark detecting section (7), and a register correction value output section (8) are provided, and a control section (1) for controlling the driving section (3) of the printing mechanism (P) effects control so that the driving reference phase is synchronized with the feedback phase of the plate cylinder (PC) driven by each driving means (M).

FIG. 1



EP 1 167 035 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 5085

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Place of search MUNICH		Date of completion of the search 17 July 2002	Examiner Greiner, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons 8 : member of the same patent family, corresponding document</p>			

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EPO FORM P409

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